

PATENT APPLN. NO. 10/516,621  
RESPONSE UNDER 37 C.F.R. §1.111

PATENT  
NON-FINAL

IN THE CLAIMS:

1. (currently amended) An aqueous resin dispersion composition prepared without the use of an emulsifier by neutralizing with a basic substance dissolving in an ethereal solvent an acid-modified chlorinated polyolefin that has been modified by at least one member selected from the group consisting of maleic acid, itaconic acid, citraconic acid, and acid anhydrides thereof; adding a basic substance to the acid-modified chlorinated polyolefin to neutralize; adding a dispersion medium consisting of water to disperse the neutralized acid-modified chlorinated polyolefin therein; and removing the ethereal solvent, and dispersing the neutralized acid modified chlorinated polyolefin in water.

2. (previously presented) The composition according to Claim 1, wherein the acid-modified chlorinated polyolefin is prepared by graft-copolymerizing at least one member selected from the group consisting of maleic acid, itaconic acid, citraconic acid, and acid anhydrides thereof with at least one member selected from the group consisting of polypropylene and propylene- $\alpha$ -olefin copolymers in a proportion of 0.1 to 10 wt.% based on the at least one member selected from the group consisting of polypropylene and propylene- $\alpha$ -olefin copolymers.

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3. (original) The composition according to Claim 1, wherein the acid-modified chlorinated polyolefin has a chlorine content of 15 to 35 wt.%.

4. (original) The composition according to Claim 1, wherein the acid-modified chlorinated polyolefin has a weight-average molecular weight of 10000 to 150000.

5. (original) The composition according to Claim 1, wherein the basic substance is at least one member selected from the group consisting of morpholine, ammonia and amines.

6. (currently amended) A process for producing an aqueous resin dispersion composition without the use of an emulsifier comprising the steps of, in order:

dissolving an acid-modified chlorinated polyolefin in an ethereal solvent;

adding a basic substance to the acid-modified chlorinated polyolefin to neutralize;

adding a dispersion medium consisting of water to disperse the neutralized acid-modified chlorinated polyolefin therein; and removing the ethereal solvent.

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7. (original) The process according to Claim 6, wherein the acid-modified chlorinated polyolefin is prepared by graft-copolymerizing at least one member selected from the group consisting of  $\alpha,\beta$ -unsaturated carboxylic acids and acid anhydrides thereof with at least one member selected from the group consisting of polypropylene and propylene- $\alpha$ -olefin copolymers in a proportion of 0.1 to 10 wt.% based on the at least one member selected from the group consisting of polypropylene and propylene- $\alpha$ -olefin copolymers.

8. (original) The process according to Claim 6, wherein the acid-modified chlorinated polyolefin has a chlorine content of 15 to 35 wt.%.

9. (original) The process according to Claim 6, wherein the acid-modified chlorinated polyolefin has a weight-average molecular weight of 10000 to 150000.

10. (original) The process according to Claim 6, wherein the ethereal solvent is at least one member selected from the group consisting of tetrahydrofuran, propylene glycol monomethyl ether,

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propylene glycol monoethyl ether and propylene glycol monopropyl ether.

11. (original) The process according to Claim 6, wherein the basic substance is at least one member selected from the group consisting of morpholine, ammonia and amines.